

Mouse anti-Human MAD1 Monoclonal Antibody | anti-MAD1 antibody

MAD1 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62379	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

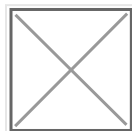
PRODUCT SYNONYMS

MAD1; Monoclonal Antibody; MAD1 Mouse mAb; homolog-like 1; HsMAD1; MAD1 mitotic arrest deficient-like 1; MAD1-like protein 1; mitotic arrest deficient 1-like 1; Mitotic arrest deficient 1-like protein 1; Mitotic checkpoint MAD1 protein homolog; Mitotic spindle assembly checkpoint protein MAD1; mitotic-arrest deficient 1; yeast; PIG9; Tax-binding protein 181; TP53I9; tumor protein p53 inducible pr; tumor protein p53 inducible protein 9; TXBP181; AI173502; AW550425; MAD1L1; anti-MAD1 antibody

PRODUCT SPECIFICATIONS

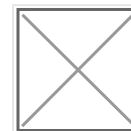
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	718
Applicable Applications for anti-MAD1 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human MD1L1
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



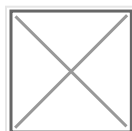
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling MD1L1 with M25102 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

MD1L1 was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25102 of 10 ug. Western blot was performed from the immunopre-cipitate using M25102 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: Jurkat cells membrane fraction. Lane2: IP product of Jurkat cells membrane fraction.Predicted band size : 83 KDaObserved band size : 83 KDaBlocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-MAD1 antibody	MAD1L1 is a component of the mitotic spindle-assembly checkpoint that prevents the onset of anaphase until all chromosome are properly aligned at the metaphase plate. MAD1L1 functions as a homodimer and interacts with MAD2L1. MAD1L1 may play a role in cell cycle control and tumor suppression. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-MAD1 antibody	Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	62243369
NCBI GeneID	8379
NCBI Accession #	NP_001013858.1
NCBI GenBank Nucleotide #	NM_001013836.1
UniProt Accession #	Q9Y6D9; Q13312; Q75MI0; Q86UM4; Q9UNH0; B3KR41
Molecular Weight	Predicted MW: 83kDa
NCBI Official Full Name	mitotic spindle assembly checkpoint protein MAD1 isoform a
NCBI Official Synonym Full Names	mitotic arrest deficient 1 like 1
NCBI Official Symbol	MAD1L1
NCBI Official Synonym Symbols	MAD1; PIG9; TP53I9; TXBP181
NCBI Protein Information	mitotic spindle assembly checkpoint protein MAD1
UniProt Protein Name	Mitotic spindle assembly checkpoint protein MAD1
UniProt Gene Name	MAD1L1
UniProt Synonym Gene Names	MAD1; TXBP181; MAD1-like protein 1; HsMAD1; hMAD1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mad1-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62379>